

1.4.0 1.2.0.

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- - PPTP
 - PPPoE
 - Ethernet over GRE
 - Ethernet over GRE
 - MTU 10000
 - IPsec
- XAuth IPsec
- OpenVPN
-
- L3
 - IPv6
 - BGP
- local preference
- show ip bgp neighbors
- VRRP tracking: MED AS-path VRRP
- SNMP
 -
- - ''
 - (commit,confirm,restore,rollback ..)
 -
 -
 -
 - (esr snmp-server system-shutdown)
-
-
- ARP-
- CLI
 -
 -
 - , , ..
 -
- MAC- /
- expect Firewall
- show ip interfaces
- DHCP
 - IP- DHCP-
 - IP-, , HEX-
- NAT
 - Static NAT
- NTP
 - ntp logging, NTP
 - ntp source address <IP>, IP- NTP peers

- SYSLOG
 - /
- BRAS
 - HTTP/HTTPS
 - USER IP - PROXY IP NetFlow
- - DoS
- ICMP-flood
- Land
- Limit-session-destination
- Limit-session-source
- Syn-flood
- UDP-flood
- Winnuke
- - Fin-no-ack
 - ICMP-type
 - IP-sweep
 - Port-scan
 - Spoofing
 - Syn-fin
 - TCP-no-flag
- - ICMP-fragment
 - IP-fragment
 - Large-ICMP
 - Syn-fragment
 - UDP-fragment
 - Unknown-protocols
- DNS- DNS-
- LLDP
- 3G/4G USB
- AAA
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 - ,
 -
 - , / root RS-232 (console)
 -
 -
- BGP
 -
- BRAS
 - Framed-IP-Address, IP- Access-Request RADIUS
 - Proxy
- CLI
 - SFTP / ,
 - USB , SD/MMC ,
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 -
 - ,
- DHCP
 - DHCP client. IP-
 - DHCP- VRF
 - 150 (tftp-server ip) 61 (client-identifier HH:<MAC>) DHCP-

- Firewall
 - ALG
 - , (,)
- IPSEC
 - any local address IKE gateway
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- L2
 - BPDU ESR-100/200
 - ESR-100/200
- MultiWAN
 - (LOSS, jitter, RTT)
 - VRF
 - LT
- NTP
 -
 -
- SNMP
 - SNMPv1
 -
 - snmp-server community
- SSH
 - SSH
 - SSH
 - SSH
 - SSH
 -
 - , ,
 - RSA-
- VLAN
 - VLAN (ESR-1000/ESR-1200)
 - MAC based VLAN
 - VLAN
- VRRP
 - VRRP IP IP- GRE, IP4IP4, L2TPv3 RADIUS
 - VRRP IP- L2TP/PPTP
 - VRRPv3
 - IP-